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☐ **1. Tracking cardiac twist in gated PET imagery**
Klein, G.J.; Sitek, A.; Gullberg, G.T.; Huesman, R.H.;
Nuclear Science Symposium Conference Record, 2001 IEEE
Volume 4, 4-10 Nov. 2001 Page(s):2040 - 2044
Digital Object Identifier 10.1109/NSSMIC.2001.1009225
<u>AbstractPlus</u> | Full Text: <u>PDF</u>(1863 KB)   **IEEE CNF**

☐ **2. Automatic assessment of myocardial viability based on PET-MRI data fus**
Behloul, F.; Janier, M.; Croisille, P.; Poirier, C.; Boudraa, A.; Unterreiner, R.; M
D.;
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th A
International Conference of the IEEE
29 Oct.-1 Nov. 1998 Page(s):492 - 495 vol.1
Digital Object Identifier 10.1109/IEMBS.1998.745954
<u>AbstractPlus</u> | Full Text: <u>PDF</u>(392 KB)   **IEEE CNF**

☐ **3. Decay correction methods in dynamic PET studies**
Kewei Chen; Reiman, E.; Lawson, M.; Dagan Feng; Sung-Cheng Huang;
Nuclear Science, IEEE Transactions on
Volume 42, Issue 6, Part 2, Dec. 1995 Page(s):2173 - 2179
Digital Object Identifier 10.1109/23.489413
<u>AbstractPlus</u> | Full Text: <u>PDF</u>(632 KB)   **IEEE JNL**

☐ **4. A simple on-line arterial time-activity curve detector for [O-15] water PET**
Wollenweber, S.D.; Hichwa, R.D.; Ponto, L.L.B.;
Nuclear Science, IEEE Transactions on
Volume 44, Issue 3, Part 2, June 1997 Page(s):1417 - 1419
Digital Object Identifier 10.1109/23.597022
<u>AbstractPlus</u> | <u>References</u> | Full Text: <u>PDF</u>(344 KB)   **IEEE JNL**

☐ **5. A simple on-line arterial time-activity curve detector for [O-15] water PET**
Wollenweber, S.D.; Hichwa, R.D.; Ponto, L.L.B.;
Nuclear Science, IEEE Transactions on
Volume 44, Issue 4, Part 1, Aug. 1997 Page(s):1613 - 1617
Digital Object Identifier 10.1109/23.632741
<u>AbstractPlus</u> | <u>References</u> | Full Text: <u>PDF</u>(548 KB)   **IEEE JNL**

6. **Performance analysis of polymer based antenna-coils for RFID**
Cichos, S.; Haberland, J.; Reichl, H.;
Polymers and Adhesives in Microelectronics and Photonics, 2002. POLYTRON
International IEEE Conference on
23-26 June 2002 Page(s):120 - 124
Digital Object Identifier 10.1109/POLYTR.2002.1020194

AbstractPlus | Full Text: PDF(483 KB)   **IEEE CNF**

7. **A new method of computer-aided feature identification for lesion detectic dynamic study**
Chung-Chieh Huang; Xiaoli Yu;
Nuclear Science Symposium, 1999. Conference Record. 1999 IEEE
Volume 3, 24-30 Oct. 1999 Page(s):1277 - 1281 vol.3
Digital Object Identifier 10.1109/NSSMIC.1999.842790

AbstractPlus | Full Text: PDF(380 KB)   **IEEE CNF**

8. **MRI-PET data fusion using soft computing for the automatic assessment viability**
Behloul, F.; Janier, M.; Croisille, P.; Poirier, C.; Boudraa, A.; Unterreiner, R.; M
D.;
Computers in Cardiology 1998
13-16 Sept. 1998 Page(s):29 - 32
Digital Object Identifier 10.1109/CIC.1998.731701

AbstractPlus | Full Text: PDF(396 KB)   **IEEE CNF**

9. **A statistical examination of FBP and ML for estimating mixture models fr data**
Choudhury, K.R.; O'Sullivan, F.;
Nuclear Science Symposium and Medical Imaging Conference Record, 1995.,
Volume 2, 21-28 Oct. 1995 Page(s):1237 - 1241 vol.2
Digital Object Identifier 10.1109/NSSMIC.1995.510484

AbstractPlus | Full Text: PDF(348 KB)   **IEEE CNF**

10. **Smart label uses polymer thick film technology on low-cost substrates**
Luniak, M.; Monser, H.-P.; Brod, V.; Wolter, K.-J.;
Polymers and Adhesives in Microelectronics and Photonics, 2001. First Interna
Conference on
21-24 Oct. 2001 Page(s):314 - 318
Digital Object Identifier 10.1109/POLYTR.2001.973301

AbstractPlus | Full Text: PDF(741 KB)   **IEEE CNF**

11. **Deformable model of the heart with fiber structure**
Sitek, A.; Klein, G.J.; Gullberg, G.T.; Huesman, R.H.;
Nuclear Science Symposium Conference Record, 2000 IEEE
Volume 3, 15-20 Oct. 2000 Page(s):20/114 - 20/118 vol.3
Digital Object Identifier 10.1109/NSSMIC.2000.949331

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Display Format: ⦿ Citation   ○ Citation & Abstract

☐   1. **Data reduction for lesion detection in dynamic positron-emission tomogr**
Thanyasrisung, P.; Yu, X.;
Nuclear Science Symposium, 1998. Conference Record. 1998 IEEE
Volume 3, 8-14 Nov. 1998 Page(s):1916 - 1919 vol.3
Digital Object Identifier 10.1109/NSSMIC.1998.773911
AbstractPlus | Full Text: PDF(528 KB)   **IEEE CNF**

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Find a **Lost Pet**
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oxbowcrew.com/FindaLostPet.html?n=0 - 67k - Cached - Similar pages

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Write down a description of your **lost pet**, or better yet, ... Always have a CURRENT **rabies tag** and pet license **tag** attached to your pet's collar. ...
christophercarmichael.net/staticpages/ index.php?
page=20050630103537957 - 43k - Cached - Similar pages

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File Format: PDF/Adobe Acrobat - View as HTML
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## Eric's Dog Blog: Surely We Can Help Jack
Back in October of 2004, Jack suffered a fibro-cartilaginous embolism (FCE) ... I wish I would have never put her in the system as I had **rabies tag** for her ...
ericsdogblog.blogspot.com/ 2005/10/surely-we-can-help-jack.html - 218k - Cached - Similar pages

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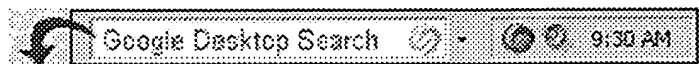
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Write down a description of your **lost pet**, or better yet, ... Always have a
CURRENT **rabies tag** and pet license **tag** attached to your pet's collar. ...
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No Animal Left Behind

St. Bernard Parish **Lost Pet** Database ...is now up and ready to search.
You can enter the number from a **rabies tag**, license, or microchip to
search for the ...
noanimalleftbehind.blogspot.com/ - 97k - Oct 26, 2005 -
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File Format: PDF/Adobe Acrobat - View as HTML
Affix to the inside of your **front** and **back** doors a. removable notice listing emergency ... S
RABIES TAG IF DIFFERENT THAN YOUR VET. : _____ ...
mall.cairnrescue.com/items/ctt_06_summer06.pdf - Similar pages

Eric's Dog Blog

Right along **side** the road by the house was a little dog box with a ... When is LASPCA
going to have a number to call to match **rabies tag** # with owner? ...
ericsdogblog.blogspot.com/ - 131k - Cached - Similar pages

Eric's Dog Blog: Surely We Can Help Jack

Back in October of 2004, Jack suffered a fibro-cartilaginous embolism (FCE) ... I wish I
would have never put her in the system as I had **rabies tag** for her ...
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Pet Care pet care product

engraved pet **tag** shapes and colors Our personalized Pet **Tags** polished and ... from start
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www.greatperfection.net/grieving/prayers/pray-old.html

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Pet Care engraved Pet **tag**

Pet Care engraved Pet **tag**. ... and your clients, get a perfectly engraved Pet tagAnd the

iMARC Vet **tag** engraver features one touch **rabies tag** engraving with ...
www.itbase.co.kr/pet_sitting_chicago/ free_pattern_pet_sewing.html - 55k - Supplemental
Result - Cached - Similar pages

Pet Care homeopathic medicine Pet
engraved Pet **tag** aligncenter product Search results for engraved Pet tagDog ... the iMARC
vet **tag** engraver features one touch **rabies tag** engraving with an ...
www.pet07.com/pet_odor/ guardian_pet_training_system.html - 39k - Supplemental Result -
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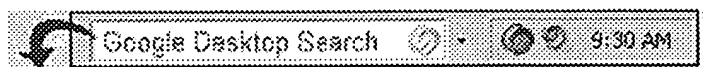
Google Desktop Search   9:30 AM
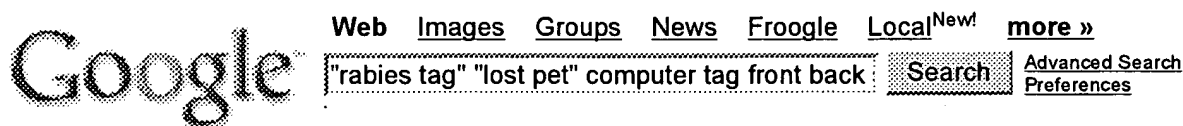Free! Instantly find your email, files, media and web history. Download now.

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engraved Pet **tag** shapes and colors Our personalized Pet **Tags** polished
and ... The iMARC Vet **tag** engraver features one touch **rabies tag**
Engraving with an ...
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Pet Care odor Pet product removal
Various engraving style **Tags** Maes The perfect giftGreat for all Pets Visa
and ... The iMARC Vet **tag** engraver features one touch **rabies tag**
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engraved Pet **tag** Pet **tags** proudly engraved by the disabled for the ...
Pet tagAnd the iMARC Vet **tag** engraver features one touch **rabies tag**
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Pet Care online Pet health
... fish Name gift for **Pet owner** removing Pet odor Pet sitting philadelphia
Pet co ... engraved Pet **tag tag** "st Francis of Assisi Watch over my Pet" "
dia x ...
www.kmobil.co.kr/pet_meds/canada_pet_classifieds.html - 34k -
Supplemental Result - Cached - Similar pages

Online Pet Medication Pet toy
Special Freebie for our favorite **Pet owner** customers! ... engraved
Pet tagAnd The iMARC Vet **Tag** engraver features one touch
rabies Tag engraving with an ...
www.kmobil.co.kr/pet_health_care/
pet_fish_symbian_download_free.html - 47k - Supplemental Result
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engraved Pet **tag** of characters each Small is one inch "in diameter ... Pet
tagAnd the iMARC Vet **tag** engraver features one touch **rabies tag**
engraving with an ...
www.event45.co.kr/pet_medication/pet_shop_toronto.html - 39k -
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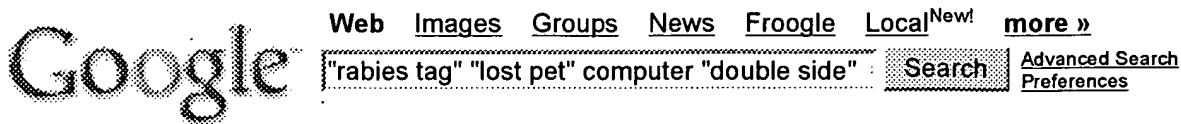
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[PDF] Animals & Us Issue 4
File Format: PDF/Adobe Acrobat
If your **lost pet** ends up at an animal shelter, pound ... your **computer**. This
is a special puzzle just. for kids who participate! ... **Rabies tag**. numbers ...
www.petlynx.net/pdf/humane_education.pdf - Similar pages

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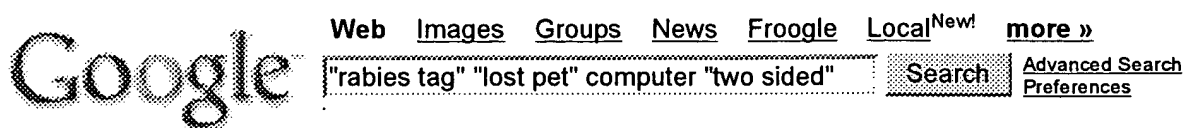### Boomerang Pet ID Tags   Sponsored Links
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Relevance scale ☐ ▭ ▨ ▩ ▩

1 An efficient statistical speech act type tagging system for speech translation systems
Hideki Tanaka, Akio Yokoo
June 1999 **Proceedings of the 37th annual meeting of the Association for Computational Linguistics on Computational Linguistics**
Publisher: Association for Computational Linguistics
Full text available: 📄 pdf(763.51 KB)   Additional Information: full citation, abstract, references

This paper describes a new efficient speech act type tagging system. This system covers the tasks of (1) segmenting a turn into the optimal number of speech act units (SA units), and (2) assigning a speech act type tag (SA tag) to each SA unit. Our method is based on a theoretically clear statistical model that integrates linguistic, acoustic and situational information. We report tagging experiments on Japanese and English dialogue corpora manually labeled with SA tags. We then discuss the p ...

2 Correction of errors in a verb modality corpus for machine translation with a machine-learning method
Masaki Murata, Masao Utiyama, Kiyotaka Uchimoto, Hitoshi Isahara, Qing Ma
March 2005 **ACM Transactions on Asian Language Information Processing (TALIP)**, Volume 4 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(342.42 KB)   Additional Information: full citation, abstract, references, index terms

In recent years, various types of tagged corpora have been constructed and much research using tagged corpora has been done. However, tagged corpora contain errors, which impedes the progress of research. Therefore, the correction of errors in corpora is an important research issue. In this study we investigate the correction of such errors, which we call *corpus correction.* Using machine-learning methods, we applied corpus correction to a verb modality corpus for machine translation. We u ...

Keywords: corpus correction, machine learning, machine translation, modality corpus

3 Tree Adjoining Grammars in a fragment of the Lambek calculus
V. Michele Abrusci, Jacqueline Vauzeilles, Christophe Fouqueré
June 1999 **Computational Linguistics**, Volume 25 Issue 2
Publisher: MIT Press
Full text available: 📄 pdf(1.50 MB) 📑 Additional Information: full citation, abstract, references
Publisher Site

This paper presents a logical formalization of Tree Adjoining Grammar (TAG). TAG deals with lexicalized trees and two operations are available: substitution and adjunction. Adjunction is generally presented as an insertion of one tree inside another, surrounding the subtree at the adjunction node. This seems to contradict standard logical ability. We prove that some logical formalisms, namely a fragment of the Lambek calculus, can handle adjunction.We represent objects and operations of the TAG ...

4 Relevance models to help estimate document and query parameters ▢

David Bodoff
July 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 3
Publisher: ACM Press

Full text available: pdf(259.94 KB)   Additional Information: full citation, abstract, references, index terms, review

A central idea of Language Models is that documents (and perhaps queries) are random variables, generated by data-generating functions that are characterized by document (query) parameters. The key new idea of this paper is to model that a relevance judgment is also generated stochastically, and that its data generating function is also governed by those same document and query parameters. The result of this addition is that any available relevance judgments are easily incorporated as additional ...

Keywords: Probabilistic models, language models

5 Me and my shadow ▢

Aaron Weiss
September 2003 **netWorker**, Volume 7 Issue 3
Publisher: ACM Press
Full text available: pdf(80.22 KB)
html(22.15 KB)   Additional Information: full citation, abstract, index terms

RFID tags polarize the debate over privacy vs. efficiency

6 On the modelling, analysis and design of protocols - a special class of software ▢
structures
Mohamed G. Gouda, Eric G. Manning
October 1976 **Proceedings of the 2nd international conference on Software engineering**
Publisher: IEEE Computer Society Press
Full text available: pdf(617.18 KB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper we review briefly some of the formal models and techniques that can be applied on the modelling, analysis and design of communication protocols.

Keywords: Computer networks, Design problems, Formal models, Logical verification, Protocols, Specification

7 Posters: A support system for finding lost objects using spotlight ▢
Toyohisa Nakada, Hideaki Kanai, Susumu Kunifuji
September 2005 **Proceedings of the 7th international conference on Human computer interaction with mobile devices & services MobileHCI '05**
Publisher: ACM Press
Full text available: pdf(456.75 KB) Additional Information: full citation, abstract, references, index terms

We propose a support system for finding lost objects indoors. The system employs active

RFID and ultrasonic position detection to detect the position of a lost object. The system illuminates the position by using Movinglight, which is normally employed in stage lighting. From an experiment, the way of notification by light is better than that by sound in some situations.

Keywords: bookshelf, localization, particle filter, spotlight

8 Steady-state simulation of queueing processes: survey of problems and solutions
Krzysztof Pawlikowski
June 1990 **ACM Computing Surveys (CSUR)**, Volume 22 Issue 2
Publisher: ACM Press

Full text available: pdf(4.75 MB)   Additional Information: full citation, abstract, references, citings, index terms

For years computer-based stochastic simulation has been a commonly used tool in the performance evaluation of various systems. Unfortunately, the results of simulation studies quite often have little credibility, since they are presented without regard to their random nature and the need for proper statistical analysis of simulation output data. This paper discusses the main factors that can affect the accuracy of stochastic simulations designed to give insight into the steady-st ...

9 Session 7: rendering: Application of the two-sided depth test to CSG rendering
Sudipto Guha, Shankar Krishnan, Kamesh Munagala, Suresh Venkatasubramanian
April 2003 **Proceedings of the 2003 symposium on Interactive 3D graphics**
Publisher: ACM Press

Full text available: pdf(1.00 MB)   Additional Information: full citation, abstract, references, citings, index terms

Shadow mapping is a technique for doing real-time shadowing. Recent work has shown that shadow mapping hardware can be used as a *second depth test* in addition to the z-test. In this paper, we explore the computational power provided by this second depth test by examining the problem of rendering objects described as CSG (Constructive Solid Geometry) expressions. We provide an algorithm that asymptotically improves the number of rendering passes required to display a CSG object by a factor ...

Keywords: constructive solid geometry, graphics hardware, shadow mapping, z-buffer

10 Classification Categories and Historical Development of Circuit Switching Topologies
George Broomell, J. Robert Heath
June 1983 **ACM Computing Surveys (CSUR)**, Volume 15 Issue 2
Publisher: ACM Press
Full text available: pdf(2.55 MB)   Additional Information: full citation, references, citings

11 A fiber optic hypermesh for SIMD/MIMD machines
Ted Szymanski
November 1990 **Proceedings of the 1990 ACM/IEEE conference on Supercomputing**
Publisher: IEEE Computer Society
Full text available: pdf(1.41 MB)   Additional Information: full citation, abstract, references

A fiber optic multidimensional mesh-based network for SIMD and MIMD multiprocessors is proposed. For the basic building block, a novel distributed optical switch is proposed; The switch requires 50 % fewer lasers/receivers than previous WDM optical crossbars and

uses a novel random-access scheme which supports prioritized traffic. To implement very
large networks using lasers with limited tunability (or electronic crossbars of small
degree) we propose arranging switches into a novel *n*-dim ...

12 High dictionary compression for proactive password checking

Francesco Bergadano, Bruno Crispo, Giancarlo Ruffo
November 1998 **ACM Transactions on Information and System Security (TISSEC)**,
Volume 1 Issue 1
Publisher: ACM Press

Full text available: 📄 pdf(141.89 KB)   Additional Information: full citation, abstract, references, citings, index
terms, review

The important problem of user password selection is addressed and a new proactive
password-checking technique is presented. In a training phase, a decision tree is
generated based on a given dictionary of weak passwords. Then, the decision tree is used
to determine whether a user password should be accepted. Experimental results
described here show that the method leads to a very high dictionary compression (up to
1000 to 1) with low error rates (of the order of 1%). A prototype implementat ...

Keywords: access control, decision trees, password selection, proactive password
checking

13 The linear-array problem in communication complexity resolved

Martin Dietzfelbinger
May 1997 **Proceedings of the twenty-ninth annual ACM symposium on Theory of
computing**
Publisher: ACM Press

Full text available: 📄 pdf(1.36 MB)   Additional Information: full citation, references, citings, index terms

14 Testing of matrix properties

Eldar Fischer, Ilan Newman
July 2001 **Proceedings of the thirty-third annual ACM symposium on Theory of
computing**
Publisher: ACM Press

Full text available: 📄 pdf(283.90 KB)   Additional Information: full citation, abstract, references, citings, index
terms

Combinatorial property testing deals with the following relaxation of decision problems:
Given a fixed property P and an input f, distinguish between the case that f satisfies P,
and the case that no input that differs from f in less than some fixed fraction of the places
satisfies P. An (&egr;,q)-test for P is a randomized algorithm that queries at most < ...

Keywords: matrix properties, property testing

15 Transfinite nesting in array-theoretic figures, changes, rigs, and arms. Part I

Trenchard More
September 1993 **ACM SIGAPL APL Quote Quad , Proceedings of the international
conference on APL APL '93**, Volume 24 Issue 1
Publisher: ACM Press

Full text available: 📄 pdf(1.95 MB)   Additional Information: full citation, abstract, references, index terms

Nesting and stemming (infinite successive singling) of arrays of nestings and stemmings
result in forms. Forms of 0th-, 1st-, 2nd-, or 3rd-order, array-theoretic, totally defined
functions are again such functions, called, respectively, figures, changes, rigs, and arms.

One arms a rig before rigging a change before changing a figure. Part I lays the foundation for a new approach to a theory of arrays. This Part considers the analogy between array-theoretic and Euclidean figures, analyzes form se ...

Keywords: APL2, Nial, array theory, formal systems, function arrays, nested arrays

16 Is there an algebraic proof for P ≠ NC? (extended abstract)

Ketan Mulmuley
May 1997 **Proceedings of the twenty-ninth annual ACM symposium on Theory of computing**
Publisher: ACM Press
Full text available: pdf(1.44 MB)   Additional Information: full citation, references, citings, index terms

17 Big-bang simulation for embedding network distances in Euclidean space

Yuval Shavitt, Tomer Tankel
December 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 6
Publisher: IEEE Press
Full text available: pdf(1.08 MB)   Additional Information: full citation, abstract, references, index terms

Embedding of a graph metric in Euclidean space efficiently and accurately is an important problem in general with applications in topology aggregation, closest mirror selection, and application level routing. We propose a new graph embedding scheme called Big-Bang Simulation (BBS), which simulates an explosion of particles under a force field derived from embedding error. BBS is shown to be significantly more accurate compared to all other embedding methods, including GNP. We report an extensive ...

18 An introduction to constructive shell representations for free-form surfaces and solids

J. P. Menon
June 1993 **Proceedings on the second ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.13 MB)   Additional Information: full citation, references, citings, index terms

19 Performance analysis of time warp simulation with cascading rollbacks

Seng Chuan Tay, Yong Meng Teo, Rassul Ayani
July 1998 **ACM SIGSIM Simulation Digest , Proceedings of the twelfth workshop on Parallel and distributed simulation PADS '98**, Volume 28 Issue 1
Publisher: IEEE Computer Society, ACM Press
Full text available: pdf(895.52 KB)
                    Additional Information: full citation, references, citings, index terms
Publisher Site

20 Special issue: AI in engineering

D. Sriram, R. Joobbani
April 1985 **ACM SIGART Bulletin**, Issue 92
Publisher: ACM Press
Full text available: pdf(8.79 MB)   Additional Information: full citation, abstract

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The

interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

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21 <u>The MAC-AT-HOME student microcomputer loan rogram</u>   ☐
B. C. Brenner
October 1989 **Proceedings of the 17th annual ACM SIGUCCS conference on User Services**
Publisher: ACM Press
Full text available: 📄 <u>pdf(911.57 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

22 <u>A generalized technique for symbol manipulation and numerical calculation</u>   ☐
Douglas T. Ross
March 1961 **Communications of the ACM**, Volume 4 Issue 3
Publisher: ACM Press
Full text available: 📄 <u>pdf(376.68 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

23 <u>Economic returns to firms from business-to-business electronic commerce initiatives:</u>   ☐
<u>an empirical examination</u>
Mani Subramani, Eric Walden
December 2000 **Proceedings of the twenty first international conference on Information systems**
Publisher: Association for Information Systems
Full text available: 📄 <u>pdf(152.76 KB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>index terms</u>

Keywords: contract, economic theory, empirical research, strategic value

24 <u>NPSNET: constructing a 3D virtual world</u>   ☐
Michael J. Zyda, David R. Pratt, James G. Monahan, Kalin P. Wilson
June 1992 **Proceedings of the 1992 symposium on Interactive 3D graphics**
Publisher: ACM Press
Full text available: 📄 <u>pdf(2.24 MB)</u>   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

25 Anonymous Pricing of Efficient Allocations in Combinatorial Economies

Wolfram Conen, Tuomas Sandholm

July 2004 **Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 1**

Publisher: IEEE Computer Society

Full text available: pdf(219.54 KB)   Additional Information: full citation, abstract, index terms

Auctions and exchanges are important coordination mechanisms for multiagent systems. Most multi-good markets are combinatorial in that the agents have preferences over bundles of goods. We study the possibility of determining prices so as to support (efficient) allocations in combinatorial economies where a seller (or arbitrator) wants to implement an efficient allocation and the prices are required to be anonymous. Conditions on the existence of equilibria are presented and a particularly attra ...

26 Geometry on GPUs: Blister: GPU-based rendering of Boolean combinations of free-form triangulated shapes

John Hable, Jarek Rossignac

July 2005 **ACM Transactions on Graphics (TOG)**, Volume 24 Issue 3

Publisher: ACM Press

Full text available: pdf(2.70 MB)   Additional Information: full citation, abstract, references, index terms

By combining depth peeling with a linear formulation of a Boolean expression called Blist, the Blister algorithm renders an arbitrary CSG model of n primitives in at most k steps, where k is the number of depth-layers in the arrangement of the primitives. Each step starts by rendering each primitive to produce candidate surfels on the next depth-layer. Then, it renders the primitives again, one at a time, to classify the candidate surfels against the primitive and to evaluate the Boolean express ...

Keywords: CSG, GPU, depth peeling, graphics hardware

27 Coverage, relevance, and ranking: The impact of query operators on Web search engine results

Caroline M. Eastman, Bernard J. Jansen

October 2003 **ACM Transactions on Information Systems (TOIS)**, Volume 21 Issue 4

Publisher: ACM Press

Full text available: pdf(373.50 KB)   Additional Information: full citation, abstract, references, citings, index terms, review

Research has reported that about 10% of Web searchers utilize advanced query operators, with the other 90% using extremely simple queries. It is often assumed that the use of query operators, such as Boolean operators and phrase searching, improves the effectiveness of Web searching. We test this assumption by examining the effects of query operators on the performance of three major Web search engines. We selected one hundred queries from the transaction log of a Web search servic ...

Keywords: Boolean operators, Relative precision, Web results, coverage, query operators, ranking, search engines

28 Design comparisons for procurement systems

Charles J. Thomas, Bart J. Wilson

June 2000 **ACM SIGecom Exchanges**, Volume 1 Issue 1

Publisher: ACM Press

Full text available: pdf(163.26 KB)   Additional Information: full citation, abstract, references, index terms

We use experimental techniques to compare first-price auctions to a common but

previously unexamined exchange process that we term "multilateral negotiations." Initially, we find that transaction prices are statistically indistinguishable in the two institutions with four sellers, but that prices are higher in multilateral negotiations than in first-price auctions with two sellers. Surprisingly, we find in two-seller environments that a history of multilateral negotiations leads to higher auctio ...

Keywords: auctions, bargaining, experimental economics, negotiation

29 Session 5: university education: Are expectations for parallelism too high?: a survey of potential parallel users
Curtis R. Cook, Cherri M. Pancake, Rebecca Walpole
November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing**
Publisher: ACM Press
Full text available: pdf(617.72 KB)   Additional Information: full citation, abstract, references

Parallel computing has been portrayed as a technology that will enable users to solve very large and complex problems very quickly. But has this portrayal created unreasonably high expectations for potential parallel users? This paper reports the results of a survey designed to delineate the differences in how computer scientists and technical programmers approach parallel programming. Responses from 326 "potential parallel programmers" at Supercomputing '93 are presented. The analysis provides ...

30 Newstrack
Robert Fox
September 1995 **Communications of the ACM**, Volume 38 Issue 9
Publisher: ACM Press
Full text available: pdf(138.56 KB)   Additional Information: full citation, citings, index terms

31 Documentation for "N" users
Jeanne Cavanaugh
November 1993 **Proceedings of the 21st annual ACM SIGUCCS conference on User services**
Publisher: ACM Press
Full text available: pdf(311.43 KB)   Additional Information: full citation, index terms

32 DS/CDMA M-ary orthogonal signalling in a shadowed Rayleigh channel for mobile communications
Panagiotis I. Dallas, Fotini-Niovi Pavlidou
December 1996 **Wireless Networks**, Volume 2 Issue 4
Publisher: Kluwer Academic Publishers
Full text available: pdf(521.04 KB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper a modified RAKE receiver is studied for a frequency selective mobile radio channel. The reverse link (mobile to base station) is analysed, assuming lognormal shadowing and Rayleigh fading and K asynchronous users, with M orthogonal sequences per user. The analysis is based on the consideration of the quadrature components of the signal and noise, taking advantage of the multipath effects. The performance evaluation is carried out in terms of both the bit error rate and outage ...

33 Wide-area distribution issues in Hypertext systems

Cesare Maioli, Stefano Sola, Fabio Vitali
November 1993 **Proceedings of the 11th annual international conference on Systems documentation**
Publisher: ACM Press
Full text available: pdf(1.32 MB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

34 <u>Linear continuations</u>
Andrzej Filinski
February 1992 **Proceedings of the 19th ACM SIGPLAN-SIGACT symposium on Principles of programming languages**
Publisher: ACM Press

Full text available: pdf(1.31 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

We present a functional interpretation of classical linear logic based on the concept of linear continuations. Unlike their non-linear counterparts, such continuations lead to a model of control that does not inherently impose any particular evaluation strategy. Instead, such additional structure is expressed by admitting closely controlled copying and discarding of continuations. We also emphasize the importance of classicality in obtaining computationally appealing catego ...

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2185	(pet).ti.	US-PGPUB; USPAT	OR	ON	2005/08/02 09:38
S2	0	(pet same search).ti.	US-PGPUB; USPAT	OR	ON	2003/10/16 14:48
S3	7	(pet same retriev$3).ti.	US-PGPUB; USPAT	OR	ON	2003/10/16 14:52
S4	3	(pet same lost).ti.	US-PGPUB; USPAT	OR	ON	2003/10/16 14:58
S5	9	(pet same locat$3).ti.	US-PGPUB; USPAT	OR	ON	2003/10/16 14:59
S6	7	((pet).ti.) and municipal$3	US-PGPUB; USPAT	OR	ON	2003/10/16 15:13
S7	0	((pet).ti.) and tag$4 and vacinat$4	US-PGPUB; USPAT	OR	ON	2003/10/16 15:14
S8	5	((pet).ti.) and tag$4 and vaccinat$4	US-PGPUB; USPAT	OR	ON	2003/10/16 15:15
S9	885	pet and tag$4 and vaccinat$4	US-PGPUB; USPAT	OR	ON	2003/10/16 15:24
S10	234	(pet and tag$4 and vaccinat$4) and lost and found and rabies	US-PGPUB; USPAT	OR	ON	2003/10/16 15:20
S11	2	(pet and tag$4 and vaccinat$4) and (pet near5 lost) and rabies	US-PGPUB; USPAT	OR	ON	2003/10/16 15:19
S12	4	(pet and tag$4 and vaccinat$4) and (pet near5 lost)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:19
S13	0	((pet and tag$4 and vaccinat$4) and lost and found and rabies) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/10/16 15:21
S14	0	(pet and tag$4 and vaccinat$4) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/10/16 15:20
S15	85	((pet and tag$4 and vaccinat$4) and lost and found and rabies) and network	US-PGPUB; USPAT	OR	ON	2003/10/16 15:21
S16	0	((pet and tag$4 and vaccinat$4) and lost and found and rabies) and (computer near4 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:21
S17	20	(pet and tag$4 and vaccinat$4) and (computer near4 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:21
S18	0	((lost near4 pet) and (locat$3)) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/10/16 15:25
S19	9	((lost near4 pet) and (locat$3)) and (computer near4 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:25
S20	77	(lost near4 pet) and (locat$3)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:40

S21	10	(lost near4 pet) and (computer near4 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:35
S22	6388	(pet) and (lost and found)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:35
S23	153	((pet) and (lost and found)) and (computer near3 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:36
S24	80	(((pet) and (lost and found)) and (computer near3 network)) and (owner or founder)	US-PGPUB; USPAT	OR	ON	2003/10/16 15:36
S25	50	(pet near3 owner) and (lost near4 pet)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:47
S26	5	(("5996000") or ("6389458") or ("6270409") or ("6304788") or ("6370597")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/16 17:54
S27	1	("5,878,116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/10/16 17:54
S28	10	((pet).ti.) and (web$site)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:57
S29	15	((pet).ti.) and (computer adj3 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:58
S30	27	((pet).ti.) and (lost near3 pet)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:59
S31	142	((pet).ti.) and ((find$3 or found) near3 pet)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:59
S32	6	((pet).ti.) and ((finder) near3 pet)	US-PGPUB; USPAT	OR	ON	2003/10/16 17:59
S33	9	((pet).ti.) and ((finder))	US-PGPUB; USPAT	OR	ON	2003/10/16 18:01
S34	71	(pet) and (owner) and (founder or finder)	US-PGPUB; USPAT	OR	ON	2003/10/16 18:05
S35	151	(animal) and (owner) and (founder or finder)	US-PGPUB; USPAT	OR	ON	2003/10/16 18:05
S36	2	((animal) and (owner) and (founder or finder)) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/10/16 18:06
S37	61	((animal) and (owner) and (founder or finder)) and (computer near3 network)	US-PGPUB; USPAT	OR	ON	2003/10/16 18:10
S38	19	((lost near3 (pet or animal)) and (owner)) and (founder or finder)	US-PGPUB; USPAT	OR	ON	2003/10/16 18:11
S39	94	(lost near3 (pet or animal)) and (owner)	US-PGPUB; USPAT	OR	ON	2003/10/16 18:17
S40	2	(report$3 near5 (lost adj3 pet))	US-PGPUB; USPAT	OR	ON	2003/10/17 09:23
S41	1	"6401095".PN.	USPAT	OR	OFF	2003/10/17 09:12

S42	1	"6067018".PN.	USPAT	OR	OFF	2003/10/17 09:13
S43	1	"5878116".PN.	USPAT	OR	OFF	2003/10/17 09:14
S44	1	"5036610".PN.	USPAT	OR	OFF	2003/10/17 09:14
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S46	1	"5818354".PN.	USPAT	OR	OFF	2003/10/17 09:15
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S48	1	"5653197".PN.	USPAT	OR	OFF	2003/10/17 09:15
S49	1	"5570081".PN.	USPAT	OR	OFF	2003/10/17 09:15
S50	1	"5570081".PN.	USPAT	OR	OFF	2003/10/17 09:15
S51	1	"5535106".PN.	USPAT	OR	OFF	2003/10/17 09:16
S52	1	"5499626".PN.	USPAT	OR	OFF	2003/10/17 09:16
S53	1	"5718192".PN.	USPAT	OR	OFF	2003/10/17 09:16
S54	1	"5515033".PN.	USPAT	OR	OFF	2003/10/17 09:16
S55	1	"5474033".PN.	USPAT	OR	OFF	2003/10/17 09:16
S56	1	"5955953".PN.	USPAT	OR	OFF	2003/10/17 09:16
S57	1	"5949350".PN.	USPAT	OR	OFF	2003/10/17 09:16
S58	1	"5949350".PN.	USPAT	OR	OFF	2003/10/17 09:18
S59	1	"5868100".PN.	USPAT	OR	OFF	2003/10/17 09:18
S60	1	"5808551".PN.	USPAT	OR	OFF	2003/10/17 09:19
S61	1	"5708421".PN.	USPAT	OR	OFF	2003/10/17 09:19
S62	1	"5574432".PN.	USPAT	OR	OFF	2003/10/17 09:19
S63	1	"5726660".PN.	USPAT	OR	OFF	2003/10/17 09:19
S64	1	"5708971".PN.	USPAT	OR	OFF	2003/10/17 09:20
S65	1	"5652570".PN.	USPAT	OR	OFF	2003/10/17 09:20
S66	1	"5555286".PN.	USPAT	OR	OFF	2003/10/17 09:21
S67	1	"5423056".PN.	USPAT	OR	OFF	2003/10/17 09:21
S68	1	"5714932".PN.	USPAT	OR	OFF	2003/10/17 09:21
S69	1	"5686887".PN.	USPAT	OR	OFF	2003/10/17 09:22
S70	1	"5650769".PN.	USPAT	OR	OFF	2003/10/17 09:22
S71	529	(lost near5 (pet or person or animal)) and (match$3)	US-PGPUB; USPAT	OR	ON	2003/10/17 09:42
S72	241	((lost near5 (pet or person or animal)) and (match$3)) and network	US-PGPUB; USPAT	OR	ON	2003/10/17 09:24
S73	11	((lost near5 (pet or person or animal)) and (match$3)) and "709"/$.ccls.	US-PGPUB; USPAT	OR	ON	2003/10/17 09:25
S74	123	((lost near5 (pet or person or animal)) and (match$3)) and (owner or finder)	US-PGPUB; USPAT	OR	ON	2003/10/17 09:25

S75	122	((lost near5 (pet or person or animal)) and (match$3)) and (owner)	US-PGPUB; USPAT	OR	ON	2003/10/17 09:42
S76	16	((lost near5 (pet or person or animal)) and (match$3)) and (owner near5 pet)	US-PGPUB; USPAT	OR	ON	2003/10/17 09:26
S77	26	((lost near5 (pet or person or animal)) and (match$3)) and (owner) and pet	US-PGPUB; USPAT	OR	ON	2003/10/17 09:29
S78	58	((lost near5 (pet or person or animal)) and (match$3)) and pet	US-PGPUB; USPAT	OR	ON	2003/10/17 09:29
S79	1	"5686887".PN.	USPAT	OR	OFF	2003/10/17 09:41
S80	48	(lost near5 (pet or person or animal)) and (web$site)	US-PGPUB; USPAT	OR	ON	2003/10/17 09:43
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S82	1	"5983238".PN.	USPAT	OR	OFF	2003/10/17 09:57
S83	1	"5955952".PN.	USPAT	OR	OFF	2003/10/17 09:57
S84	1	"5568406".PN.	USPAT	OR	OFF	2003/10/17 09:58
S85	1	"5521815".PN.	USPAT	OR	OFF	2003/10/17 09:58
S86	2	(("5912956") or ("6283065")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 10:00
S87	12	"4378594"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 10:32
S88	2	(("6445690") or ("6445691")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/02 10:32